

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US03/07219

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) :B60C 23/02 US CL : 340/442,447; 73/146.4 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 340/442,447,445,446; 73/146.4,146  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	✓ US 6,278,363 B1 (BEZEK et al.) 21 August 2001, col.21, lines 23-41.	1-12
A,P	✓ US 6,507,276 B1 (YOUNG et al.) 14 January 2003, col. 7, lines 19-40.	1-12
A,P	✓ US 6,535,116 B1 (ZHOU) 18 March 2003, col. 8, lines 64-67.	1-12
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
"	Special categories of cited documents	"T" Inter document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier document published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"G" document referring to an oral disclosure, use, exhibition or other means
"O"	document referring to an oral disclosure, use, exhibition or other means	"F" document published prior to the international filing date but later than the priority date claimed
"P"	document published prior to the international filing date but later than the priority date claimed	"A" document member of the same patent family
Date of the actual completion of the international search 10 JUNE 2003		Date of mailing of the international search report 24 JUN 2003
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230		Authorized officer BRENT SWARTHOUT Telephone No. (703) 305-4483

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